

**KETTERING**  
**RURAL DISTRICT COUNCIL.**

---

**MEDICAL OFFICER'S**

**AND**

**NUISANCE INSPECTOR'S**

**ANNUAL REPORTS**

**FOR 1897.**

---

**KETTERING :**

**Goss, Printers, Stationers, and Bookbinders.**



# MEDICAL OFFICER'S REPORT

## FOR 1897.

*To the Kettering Rural District Council*

GENTLEMEN,

In presenting to you my Annual Report for the past year, I am pleased to say that the health of the district under your control, has been on the whole very satisfactory; the birth rate, and the death rate, are about the same as in the previous year, while the Zymotic death rate is much better, indeed, almost "nil."

The Population of the district for 1896 was calculated to be 10,000. Owing to the increase in Burton Latimer and Broughton, I think it may now be calculated at 10,500, to which must be added the population of Great and Little Weldon, which have lately been added to this district. The last census return for these places was 750, so that the whole population of this district in the middle of the year 1897 may be stated at 11,250.

	Males.	Females.	Total.
The number of Births			
during 1897 were	152	143	295
The number of Deaths	75	81	156
The Birth Rate ...	26·2 in the 1000.		
The Death Rate ...	14·3 in the 1000.		
The Zymotic Death Rate	·8 in the 1000.		

Owing to the Division of the District in 1891, I am unable to go farther back than that year for comparison with the past.

	Birth Rate.	Death Rate.	Zymotic Death Rate.
1892	35·6	14·3	·7
1893	26·5	16·7	·3
1894	24·7	15·1	1·5
1895	27·9	16·2	1·4
1896	27·1	14·6	1·2
1897	26·2	14·3	·8

The mean rates for the past 6 years are :—

Birth Rate.	Death Rate.	Zymotic Death Rate.
28	15.2	.9

Here follow the Statistics of illness and death required by the Local Government Board, to which I add the causes of all the deaths during the year :—

TABLE OF DEATHS.

During the Year 1897, in the Kettering Rural Sanitary District, classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics; public institutions being shown as separate localities.	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.						
	At all Ages.	Under 1 Year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Kettering Rural .. .. .	156	37	13	3	2	27	74
Totals .. .. .	156	37	13	3	2	27	74

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

Names of Localities adopted for the purpose of these Statistics, public institutions being shown as separate localities.										TOTAL.
	Erysipelas.	Whooping Cough.	Diarrhoea and Dysentery.	Phthisis.	Bronchitis, Pneumonia and Pleurisy	Heart Disease.	Influenza.	Injuries.	All other Diseases.	
Kettering Rural .. .. .	Under 5	7	2		9				30	48
	5 upwds	1		5	18	19	3	5	57	108
Totals .. .. .	Under 5	7	2		9				30	48
	5 upwds	1		5	18	19	3	5	57	108



Area and Population of the District or Division to which this Return relates :

Area in Acres	... ..	..47,353
Population (last Census)	... ..	.. 10,000
	(Without Great and Little Weldon.)	
„	(Estimated to middle of 1897)	...11,250
Death Rates.—General,	14·3 per 1,000 Population,	
	estimated to middle of 1897.	
„	„ Infant (under one year of age, 151.	
	per 1,000 Births Registered.	

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,

Coming to the knowledge of the Medical Officer of Health, during the year 1897 in the Kettering Urban District, classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics, Public Institutions being shown as separate localities.	Population at all ages.		Registered Births.	New cases of sickness in each locality coming to the knowledge of the Medical Officer of Health.					Number of such cases removed from their homes in the several localities for treatment in Isolation Hospital.
	Last Census.	Estimated to middle of 1897.		Age under 5 or over 5.	Scarlatina.	Diphtheria.	Enteric or Typhoid.	Erysipelas.	
Kettering Rural	10,000	11,250	295	Under 5		1			
	Without Great and Little Weldon.			5 upwds	2	2	2	19	1
				Under 5		1			
Total	10,000	11,250	259	5 upwds	2	2	2	19	1

Apoplexy	...	...	6	Whooping Cough	...	...	7
Meningitis	...	...	1	Diarrhœa	...	...	2
Convulsions	...	...	8	Erysipelas	...	...	1
Paralysis	...	...	1	Influenza	...	...	3
Epilepsy	...	...	2	Atrophy	...	...	9
Heart Disease	...	...	19	Congenital Debility	...	...	8
Bronchitis	...	...	19	Premature Birth	...	...	6
Pneumonia	...	...	8	Child Birth	...	...	1
Phthisis ..	...	...	5	Alcoholism	...	...	1
Laryngitis	...	...	1	Pernicious Anæmia	...	...	2
Cancer ...	...	...	13	Senile Debility...	...	...	17
Liver Diseases	...	...	5	Injuries ..	...	...	5
Kidney Diseases	...	...	1				—
Gangrene	...	...	2			Total ...	.. 156
Obstruction of Bowels	...	...	2				—
Dropsy ...	...	...	1				

## Measles.

Measles has not been very prevalent in this district, and no death was registered from this disease. Cases were so numerous in Stanion, in March, that the Schools were closed for a fortnight.

## Scarlatina.

The only cases of Scarlatina notified during the year were 2 from Burton Latimer. As isolation in both cases could be carried out at home, neither case was removed to Hospital.

## Diphtheria.

Three cases of Diphtheria were notified from one house at Cottingham in October, all of which recovered.

Typhoid  
Fever.

Only 2 cases of Typhoid Fever occurred in the district during the year. One was a girl at Broughton, in June, who had contracted the disease as far as could be ascertained near Rothwell; she was removed to the Isolation Hospital, and made a good recovery.

The other case was a labourer at Weldon, in October. Although a thorough investigation was made by Dr. Stokes Mr. Norwood, and myself, no cause could be discovered. Every care was taken to prevent any spread of the disease, and no other case followed. This is a most satisfactory record.

## Influenza.

Influenza was very prevalent in most parts of the district in the latter months of the year, and 3 deaths were registered as due to this cause. Those suffering from this illness were so numerous in Corby and Cottingham, and such a large number of children suffered, that it was thought desirable to close the Schools in both these places for a short time. In almost all cases the throat was affected first.

The Notification of Infectious Diseases has been as follows :—

Scarlatina	...	2 Cases	...	No death
Typhoid Fever	...	2 Cases	...	No death
Diphtheria	...	3 Cases	...	No death
Erysipelas	...	19 Cases	...	1 death

Total, 26 Cases as against 60 in 1896, and 130 in 1895.

Isolation  
Hospital.

The new Isolation Hospital erected by the Rural District Council has been completed, and transferred to a Joint Hospital Board, composed of Members of the Urban and Rural Councils.

It is a distinct building, and furnishes accommodation for 12 adults. It is conducted by the same staff as the Urban Hospital, which accommodates 20 adults. The Rural District has been most fortunate during the past year in only requiring its use for one Patient; this was a young woman from Broughton, who had Typhoid Fever and recovered.

Cottage  
Home.

A new Cottage Home for children has been opened at Burton, in connection with the Kettering Union Workhouse. It is a cheerful, well ventilated house, and the sanitary arrangements are good throughout.

Ise Brook

The great alterations which are taking place at the Kettering Sewage Works, where 30 additional acres of land have been purchased, and are being utilized for the complete purification of the Sewage, will prevent any pollution of the Ise Brook, which has been considerably deepened

Water  
Supply.

The scheme for procuring a better Water Supply for Pytchley was not passed by the Inspector, in whose hands the matter was placed, but further steps are now being taken to improve the supply, and to bring it further into the village. Most of the villages in the district have been fairly well supplied during the very dry summer and autumn we have experienced.

Model  
Bye-laws.

Model Bye-laws will shortly come into force at Broughton and Burton Latimer.

Broughton  
Sewage.

Plans are being prepared for the Broughton Sewage Scheme.

The Corby Brook has been well cleaned out.



Factories.  
and Dairies

The Factories, Dairies, and Slaughter Houses have been inspected, and generally found in a satisfactory condition.

Your Inspector, Mr. Norwood, has given me the greatest assistance during the year.

In conclusion, I beg to congratulate the Council on the unusually healthy state of the district, and the almost total absence of Zymotic disease during 1897.

I am, Gentlemen,

Your obedient Servant,

**J. WINTER DYRLAND,**

Medical Officer of Health.

KETTERING,

JANUARY, 1898.



## KETTERING RURAL DISTRICT COUNCIL.

---

# Sanitary Inspector's Report, 1897.

---

The amount of Sanitary work carried out during the past year shews a large increase on all other years. The larger Parishes are steadily growing, and to meet this, new drains have been laid, building certificates issued, and Bye-laws applied for, which will mean the better supervision of our buildings and improvements, and will insure the proper laying out of Building Estates.

Notices to abate Nuisances have been issued in many cases, and in only one instance has a summons been necessary.

New Drains have been laid in Burton Latimer, Broughton, Cransley, and Geddington. The Parish Ditches have been cleaned out, improved and protected by means of notices warning persons against throwing in tins and other obstructive articles.

The Broughton Sewage Scheme is in the hands of a strong Committee, and the plans and reports will shortly be laid before them.

The Pytchley Water Supply is also being dealt with by a representative Committee.

One very important motion has been carried by the Council with reference to public water supplies in their District, and a quarterly report is now presented shewing

the condition of these supplies. The first report proved the necessity of this, although the number of bad samples was very small.

Your Inspector has been empowered to take proceedings, under the Food and Drugs Act, whenever necessary.

Factories, Dairies, Cow-sheds, and Slaughter Houses have been inspected, and although generally they have been found free from nuisance, there is room for much improvement in the drainage of Cow-sheds in the district.

The disposal of refuse from Kettering Urban District in the Rural District Boundary, has been before the Council, and doubtless other means of disposal will be used during the present year.

Yours obediently,

**HERBERT NORWOOD,**

Inspector of Nuisances.

87, BROADWAY,

KETTERING.